

Natural Ara h 3

Product Code: NA-AH3-1

Allergen:	nAra h 3 (<i>Arachis hypogaea</i> allergen 3)
Lot No:	xxxxxx
Source:	Virginia raw peanuts
Mol. Wt:	Multiple subunits ranging from 14-45kD.
Purification:	Purified from peanut extract by multi- step chromatography. Purity > 95 % by silver stained SDS-PAGE, reducing conditions.
Concentration:	See product insert.
Formulation:	Preservative-free and carrier-free in 20mM Tris, pH 8.2, 0.15M NaCl. Sterile filtered.
Storage:	Store at -20°C.
Note:	Avoid repeated freeze-thaw cycles.



nAra h 3

For research and commercial use in vitro: not for human in vivo or therapeutic use.

REFERENCES:

1. Koppelman SJ et al. Peanut allergen Ara h 3: isolation from peanuts and biochemical characterization. *Allergy*. 2003 Nov;58(11):1144-51.
2. Piersma SR et al. Proteolytic processing of the peanut allergen Ara h 3. *Mol Nutr Food Res*. 2005 Aug;49(8):744-55.
3. Rabjohn P et al. Molecular cloning and epitope analysis of the peanut allergen Ara h 3. *J Clin Invest*. 1999 Feb;103(4):535-42.
4. Jin T et al. Crystal structure of Ara h 3, a major allergen in peanut. *Mol Immunol*. 2009 May;46(8-9):1796-804.